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Application Number	10/731,457
Filing Date	December 9, 2003
First Named Inventor	Shin et al.
Art Unit	2631
Examiner Name	Not Yet Known
Attorney Docket Number	I-2-0445.1US

Total Number of Pages in This Submission

ENCLOSURES *(Check all that apply)*

- ☐ Fee Transmittal Form
 - ☐ Fee Attached
- ☐ Amendment/Reply
 - ☐ After Final
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
 - ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____
- ☐ After Allowance communication to Technology Center (TC)
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please Identify below):

Form PTO-1449 and Copy of PCT Search Report

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Stanley N. Protigal Reg. No. 28,657 Volpe and Koenig, P.C.
Signature	
Date	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Stanley N. Protigal		
Signature		Date	24 June 04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:	
Shin et al.	
Application No.: 10/731,457	Our File: I-2-0445.1US
Confirmation No.: 4654	Date: June 24, 2004
Filed: December 9, 2003	
For: PATH LOSS MEASUREMENTS IN WIRELESS COMMUNICATIONS	
Group: 2631	
Examiner: Not Yet Known	

INFORMATION DISCLOSURE STATEMENT INCLUDING RULE 1.97(e)(1) STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed Form PTO-1449, which was cited in a search report in a counterpart international application. A copy of the search report is enclosed.

Pursuant to 37 C.F.R. §1.98, copies of the cited U.S. publications are not provided.

Although not required since no office action has issued yet in the instant application, Applicant hereby makes a statement under 37 C.F.R.1.97(e)(1): the undersigned certifies that each item of information contained in this Information Disclosure Statement (IDS) was first cited in any communication from a patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the Form PTO-1449 indicating consideration of the cited materials.

Respectfully submitted,

Shin et al.

By _____
Stanley N. Protigal
Registration No. 28,657
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

SNP/sag
Enclosures

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0445.1US	SERIAL NO. 10/731,457
	APPLICANT Shin et al.	
	FILING DATE December 9, 2003	GROUP 2631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AA	U.S. Publication No. 2002/0085504 A1, Zeira et al., July 4, 2002.
	AB	U.S. Publication No. 2002/0168994 A1, Terry et al., November 14, 2002.
	AC	U.S. Publication No. 2003/0108274 A1, Budka et al., June 14, 2003.
	AD	U.S. Publication No. 2004/0022230 A1, Zeira et al., February 5, 2004.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.